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CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

000959

7590

01/06/2004

LAHIVE & COCKFIELD, LLP.  
28 STATE STREET  
BOSTON, MA 02109

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(Depositor's name)

(Signature)

(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/896,417	06/28/2001	Richard Sharp	SYCS-031/P79	2279

TITLE OF INVENTION: METHOD FOR ACHIEVING IMPROVED TRANSMISSION PERFORMANCE OVER FIBER USING A MACH-ZEHNDER MODULATOR

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES <del>NO</del>	<del>\$338</del> \$665	\$300	<del>\$638</del> \$965	04/06/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
PAK, SUNG H	2874	385-020000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1. Lahive & Cockfield, LLP

2. \_\_\_\_\_

3. \_\_\_\_\_

## 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

SYCAMORE NETWORKS, INC.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

CHELMSFORD, MA

Please check the appropriate assignee category or categories (will not be printed on the patent); ☐ individual ☒ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

☒ Issue Fee☒ Publication Fee☒ Advance Order - # of Copies 10

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☐ A check in the amount of the fee(s) is enclosed.☐ Payment by credit card. Form PTO-2038 is attached.☒ The Director is hereby authorized to charge the required fee(s), or credit any overpayment Deposit Account Number 12-0080 (enclose an extra copy of this form).

Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature)

(Date)

Kevin J. Canning, Reg # 65,470

2/23/04

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This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

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03/01/2004 MBELETE2 00000134 120080 09896417

01 FC:2501

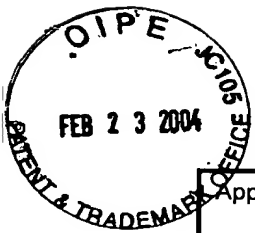
665.00 DA

02 FC:1504

300.00 DA

03 FC:8001

30.00 DA



Application No. (if known): 09/896417

Attorney Docket No.: SYCS-031

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Signature

Kevin J. Canning

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Fee Transmittal (1 page);  
Form PTOL 85 (1 page);  
Certificate of Express Mail (1 page);  
Written Assertion of Entitlement to Small Entity Status (1 page);  
Charge \$995.00 to deposit account 12-0080; and  
Return Receipt Postcard.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of Richard Sharp

Serial No.: 09/896,417

Filed: June 28, 2001

For: Method for Achieving Improved Transmission  
Performance Over Fiber Using a Mach-Zehnder  
Modulator

Attorney Docket No.: SYCS-031

Group Art Unit: 2874

Examiner: Sung H. Pak

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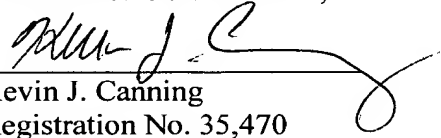
***WRITTEN ASSERTION OF ENTITLEMENT TO SMALL ENTITY STATUS***

Dear Sir:

Small entity status for the above-identified application is hereby asserted under 37 C.F.R. 1.27(c)(1).

Respectfully submitted,

LAHIVE & COCKFIELD, LLP

  
Kevin J. Canning  
Registration No. 35,470  
Attorney for Applicants

Dated: February 23, 2004  
28 State Street  
Boston, MA 02109  
(617) 227-7400



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FEE TRANSMITTAL for FY 2004 <small>Effective 10/01/2003, Patent fees are subject to annual revision.</small>		Complete if Known	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	09/896417-Conf. #2279
TOTAL AMOUNT OF PAYMENT (\$)		Filing Date	June 28, 2001
995.00		First Named Inventor	Richard Sharp
		Examiner Name	S. H. Pak
		Art Unit	2874
		Attorney Docket No.	SYCS-031

METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)	
<input type="checkbox"/> Check	<input type="checkbox"/> Credit Card	3. ADDITIONAL FEES	
<input checked="" type="checkbox"/> Deposit Account:	<input type="checkbox"/> Money Order		
<input type="checkbox"/> None	<input type="checkbox"/> Other		
Deposit Account Number: 12-0080			
Deposit Account Name: Lahive & Cockfield, LLP			
The Director is authorized to: (check all that apply)			
<input checked="" type="checkbox"/> Charge fee(s) indicated below			
<input checked="" type="checkbox"/> Credit any overpayments			
<input checked="" type="checkbox"/> Charge any additional fee(s) or any underpayment of fee(s)			
<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.			

FEE CALCULATION	
1. BASIC FILING FEE	
Large Entity	Small Entity
Fee Code	Fee Code
Fee (\$)	Fee (\$)
Fee Description	Fee Paid
1001 770	2001 385
1002 340	2002 170
1003 530	2003 265
1004 770	2004 385
1005 160	2005 80
SUBTOTAL (1) (\$)	
0.00	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	
Total Claims	-20** =
Independent Claims	-3** =
Multiple Dependent	
Large Entity	Small Entity
Fee Code	Fee Code
Fee (\$)	Fee (\$)
Fee Description	Fee Paid
1202 18	2202 9
1201 86	2201 43
1203 290	2203 145
1204 86	2204 43
1205 18	2205 9
SUBTOTAL (2) (\$)	
0.00	

FEE CALCULATION (continued)	
Large Entity	Small Entity
Fee Code	Fee Code
Fee (\$)	Fee (\$)
Fee Description	Fee Paid
1051 130	2051 65
1052 50	2052 25
1053 130	1053 130
1812 2,520	1812 2,520
1804 920*	1804 920*
1805 1,840*	1805 1,840*
1251 110	2251 55
1252 420	2252 210
1253 950	2253 475
1254 1,480	2254 740
1255 2,010	2255 1,005
1401 330	2401 165
1402 330	2402 165
1403 290	2403 145
1451 1,510	1451 1,510
1452 110	2452 55
1453 1,330	2453 665
1501 1,330	2501 665
1502 480	2502 240
1503 640	2503 320
1460 130	1460 130
1807 50	1807 50
1806 180	1806 180
8021 40	8021 40
1809 770	2809 385
1810 770	2810 385
1801 770	2801 385
1802 900	1802 900
Other fee (specify)	8001; 1504
	Printed copy of patent w/o color; Publication fee for early, voluntary, or normal publication
	330.00
SUBTOTAL (3) (\$)	
995.00	

SUBMITTED BY		(Complete if applicable)	
Name (Print/Type)	Kevin J. Canning	Registration No. (Attorney/Agent)	35,470
Signature		Telephone	(617) 227-7400
		Date	February 23, 2004